

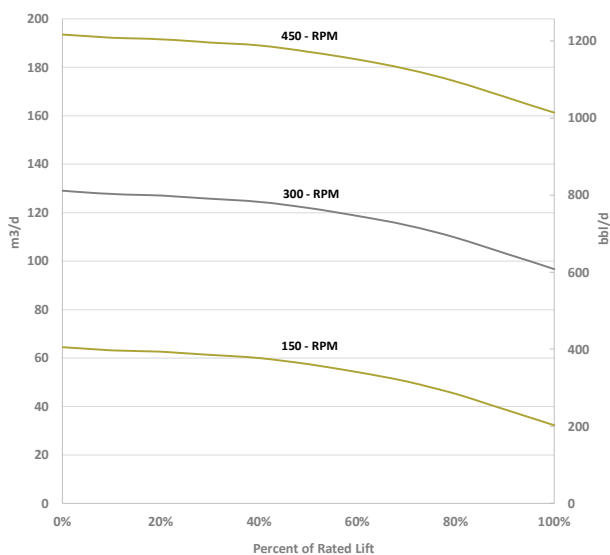


# PUMP SPECIFICATION

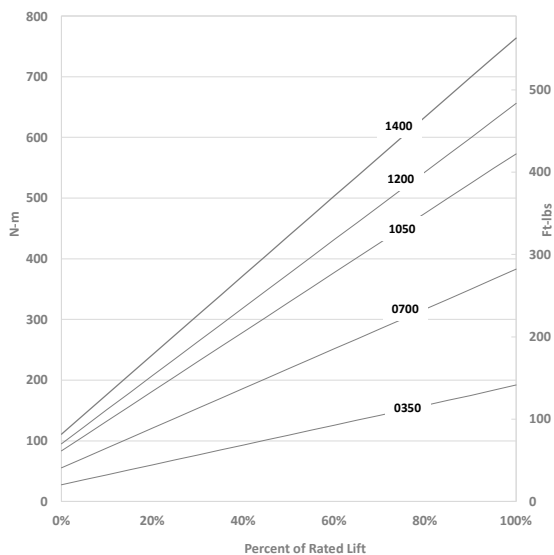
## 043M - STD - IP

43 m3 / Day / 100 RPM ( 270 bbl / Day / 100 RPM )						
Available Models		43 M 0350-IP	43 M 0700-IP	43 M 1050-IP	043 M 1200-IP	043 M 1400-IP
		Geometry: Single Lobe		Operating Speed: 50 - 500 RPM		Free Gas Volume Fraction: 40% continuous
Swept Rotor Angle: 74		Orbit Head - mm (in): 49.60 ( 1.953 )			Intake cavity area - mm <sup>2</sup> (in <sup>2</sup> ): 575 ( 0.89 )	
Pump Lift H2O - m (ft)		350 ( 1148 )	700 ( 2296 )	1050 ( 3444 )	1200 ( 3936 )	1400 ( 4592 )
Rated Pressure kPa (psi)		3500 ( 508 )	7000 ( 1015 )	10500 ( 1523 )	12000 ( 1740 )	14000 ( 2030 )
Rated Torque N-m (ft-lbs)		192 ( 141 )	383 ( 282 )	573 ( 422 )	656 ( 483 )	764 ( 563 )
Rotor Top Connection mm (in)		3/4" API Pin				
Rotor Head Diameter mm (in)		38.10 ( 1.500 )				
Overall Rotor Length m (in)		3.40 ( 134 )	6.30 ( 248 )	9.20 ( 362 )	10.65 ( 419 )	12.10 ( 476 )
Weight kg (lbs)		23 ( 51 )	43 ( 95 )	63 ( 139 )	72 ( 158 )	82 ( 180 )
Nominal Rotor Drift OD mm (in)		38.10 ( 1.500 )				
Stator OD mm (in)		68.0 ( 2.677 )				
Collar OD (mm)		68.0 ( 2.677 )				
Connection Discharge - Intake		2 3/8" NUE Box - 2 3/8" NUE Box				
Stator Overall Length w TB m (in)		3.36 ( 132 )	6.26 ( 246 )	9.16 ( 361 )	10.61 ( 418 )	12.06 ( 476 )
Weight kg (lbs)		30 ( 66 )	59 ( 130 )	89 ( 196 )	103 ( 227 )	118 ( 260 )
Distance TB to Elastomer mm (in)		300 ( 12 )				
Tagbar/sub bottom connection		2 3/8" EUE Pin				
Stator OD mm (in)		IP - 68.0 ( 2.677 )				
Collar OD mm (in)		IP - 68.0 ( 2.677 )				
Connection Discharge - Intake		2 3/8" NUE Box - 2 3/8" NUE Box				
Stator Overall Length w TB m (in)		3.36 ( 132 )	6.26 ( 246 )	9.16 ( 361 )	10.61 ( 418 )	12.06 ( 475 )
Weight kg (lbs)		30 ( 66 )	59 ( 130 )	89 ( 196 )	103 ( 227 )	118 ( 260 )
Distance TB to Elastomer mm (in)		300 ( 12 )				
Tagbar/sub bottom connection		1.90" NUE Pin				
NOTE	INSERT pump configuration for 3 1/2" tubing requires a 3/4" SH coupling (1.50" OD) for pick up.					

Target in Well Flow Rates m3/d ( bbl/d )



Target In Well Torque N-m ( ft-lbs )



'CAUSE WE GIVE A S#%T